Notice of Allowability	09/902,882	09/902,882 SACHER, JOACHIM \		
	Examiner	Art Unit	NA	
	Karla Moore	1763		
The MAILING DATE of this communication ap All claims being allowable, PROSECUTION ON THE MERITS I herewith (or previously mailed), a Notice of Allowance (PTOL-8 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT of the Office or upon petition by the applicant. See 37 CFR 1.3	IS (OR REMAINS) CLOSED 5) or other appropriate com RIGHTS. This application is	with the correspondence a) in this application. If not inc	cluded	
1. This communication is responsive to appeal brief filed 4/	<u>′27/04</u> .			
2. The allowed claim(s) is/are 14-18.				
3. The drawings filed on 12 July 2001 and 24 August 2001	are accepted by the Examir	ner.		
 4. Acknowledgment is made of a claim for foreign priority a) All b) Some* c) None of the: 1. Certified copies of the priority documents had: 2. Certified copies of the priority documents had: 3. Copies of the certified copies of the priority documents had: 4. Certified copies of the priority documents had: 5. Certified copies of the certified copies of the priority documents had: 6. Certified copies of the priority documents had: 7. Certified copies of the priority documents had: 6. Certified copies of the priority documents had: 6. Certified copies of the priority documents had: 7. Certified copies of the priority documents had: 8. Certified copies of the priority documents had: 9. Certified copies of the priority documents had:	ve been received. ve been received in Applica documents have been received of this communication to formation to the second of the second o	ition No ved in this national stage app file a reply complying with the	e requirements	
 A SUBSTITUTE OATH OR DECLARATION must be sub- INFORMAL PATENT APPLICATION (PTO-152) which gi 	mitted. Note the attached E ves reason(s) why the oath	XAMINER'S AMENDMENT or declaration is deficient.	or NOTICE OF	
6. CORRECTED DRAWINGS (as "replacement sheets") mu				
(a) ☐ including changes required by the Notice of Draftspe		ew (PTO-948) attached		
1) hereto or 2) to Paper No./Mail Date				
(b) ☐ including changes required by the attached Examined Paper No./Mail Date	r's Amenament / Comment	or in the Office action of		
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in	the header according to 37 (CFR 1.121(d).		
 DEPOSIT OF and/or INFORMATION about the dependence of the dependence of	osit of BIOLOGICAL MA FOR THE DEPOSIT OF B	TERIAL must be submitte HOLOGICAL MATERIAL.	d. Note the	
Attachment(s) 1. Notice of References Cited (PTO-892) 2. Notice of Draftperson's Patent Drawing Review (PTO-948) 3. Information Disclosure Statements (PTO-1449 or PTO/SB/	6. ☐ Interview : Paper No	Informal Patent Application (I Summary (PTO-413), o./Mail Date s Amendment/Comment	PTO-152)	
Paper No./Mail Date I. ☐ Examiner's Comment Regarding Requirement for Deposit	8. 🛛 Examiner'	s Statement of Reasons for A	Allowance	
of Biological Material	9. Other		Allowalice	

Application No.

Applicant(s)

Art Unit: 1763

DETAILED ACTION

Allowable Subject Matter

- 1. Claims 14-18 are allowed.
- 2. The following is an examiner's statement of reasons for allowance: The prior art of record fails to teach or fairly suggest an apparatus for coating at least one of the front and rear facets of semiconductor diodes, with an anti-reflection layer of minimal rest reflectivity, said apparatus including means for monitoring, in-situ, at least one laser parameter of each laser, including laser light emitted from at least one of the front and rear facets of each laser, the electric voltage at a p-n junction of the laser, the quantum efficiency of the laser light emitted from at least one of the front and rear facet of the laser, and the threshold current of the laser, said apparatus comprising a receiver for containing lasers to be coated, a coating source disposed in said receiver, a support structure for supporting said lasers to be coated such that said lasers are supported with their facets all at essentially the same distance from said coating source, and for each laser an individual shutter supported in said receiver so as to be movable selectively in front of said lasers to protect them from further coating with the laser parameter indicate that an optimum coating stage has been reached for a particular laser.
- 3. As pointed out by Applicant, each of the parameters notated in bold above is a parameters that is monitorable during operation only. While the prior art (Landau et al.) does teach monitoring a laser parameter, the reference fails to explicitly teach that the laser is operated during deposition and the in-situ monitoring, thus the claimed invention distinguishes over the prior art by inclusion of this recitation. Additionally, this recitation is not addressed in the other cited references. Nor was it located in any properly combinable piece of prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should

be directed to Karla Moore whose telephone number is 571.272.1440. The examiner can normally be

reached on Monday-Friday, 8:30am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor,

Gregory Mills can be reached on 571.272.1439. The fax phone number for the organization where this

application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application

Information Retrieval (PAIR) system. Status information for published applications may be obtained from

either Private PAIR or Public PAIR. Status information for unpublished applications is available through

Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC)

at 866-217-9197 (toll-free).

km

6 July 2004

P. Hassanladel Parviz Hassanzadeh

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Primary Examiner

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